WHAT IS CLAIMED IS:

1. A moisturizing hairdressing apparatus comprising:

a main unit for generating steam to moisturize one's hair; and

a handpiece movably attached to said main unit, wherein said handpiece is provided with

a steam injecting unit for injecting steam supplied by said main unit and

a negative ion injecting unit for injecting negative ions, such that injection of either steam or negative ions, or simultaneous injection of both can be selected.

2. The moisturizing hairdressing apparatus as set forth in claim 1, further comprising:

a switching mechanism for selecting either a first mode of injecting at least one of steam and negative ions while a switch remains held, or a second mode of selecting continuous injection or suspension of injection by another touch of the switch.